

Appl. No. : 10/800,472  
Filed : September 15, 2004

### Amendments To The Claims

This listing of claims will replace all prior versions, and listing, of claims in the application:

#### Listing of Claims:

1. (Currently amended) A wireless network,  
comprising:  
a first communication part defining a first class of service  
~~plurality of different classes of service, where the different~~  
~~classes of service include at least a first class of service that~~  
includes a first set of permissions for access to resources  
including access to files on a system being controlled by said  
first communication part, and a second communication part,  
transmitting a separate communication stream from said first  
communication part, over substantially a same transmitting area  
as said first communication part, and said second communication  
part defining a second class of service which includes a second  
set of permissions of access to resources, where said second set  
of permissions does not include said access to said files on said  
system,

said first communication part having its access controlled  
by requiring users of the first communication part to use a first  
secret key, and automatically provides access to users that have

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said first secret key, said second communication part allowing access without said first secret key.

2. (Currently amended) A device as in claim 1, wherein said first class of service includes ~~one of a greater amount of network access or a~~ greater speed of network access than said second class of service.

3. (Currently amended) A device as in claim 1, further comprising a third communication part, transmitting a separate communication stream from said first communication part, and separate from said second communication part, over substantially a same transmitting area as said first and second communication parts, and said third communication part defining a third class of service which includes a third set of permissions of access to resources, where said third set of permissions does not include said access to said files on said system, and allows access to only specified internet sites,

wherein said third communication part allowing access without needing any secret key ~~wherein said first class of service allows users to obtain access to files, and said second class of service allows access to Internet but not access to files.~~

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4. (Original) A device as in claim 1, wherein said second class of service obtains a more limited upload and/or download speeds for Internet than said first class of service.

5. (Currently amended) A device as in claim ~~1~~ 3, wherein said wireless network includes an access granting mechanism, that detects a user's ~~network credential~~ secret key, and automatically grants one of said first and second levels of services based on a user's credentials, or grants said third ~~the other~~ level of service if the user does not have said first or second secret key's credentials do not meet a specified criteria.

6. (Currently amended) A wireless network system, comprising:

a first wireless network portion, including a first network transmitter, which is accessed by users having a first secret key credential, and which allows a first specified level of access to services, and which automatically grants access to users having said first secret key; and

a second wireless network portion, including a second network transmitter transmitting over substantially the same area as said first network transmitter, which is accessed by users not having said first ~~credential~~ secret key, which allows a second specified level of access to services which includes less services than said first specified level of access to services.

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7. (Original) A system as in claim 6, wherein said level of access to services specifies an amount of bandwidth.

8. (Original) A system as in claim 6, wherein said level of access to services specifies an amount of access to network files.

9. (Currently amended) A system as in claim 6, wherein said first and second wireless network portions are separate wireless ~~networks~~ network interface cards operating in the same location.

10. (Currently amended) A system as in claim 6, further comprising a third wireless network portion, transmitting a separate communication stream from said first and second wireless network portions, and separate from said first and second wireless network portions, over substantially a same transmitting area as said first and second wireless network portions, and said third wireless network portions defining a third class of service which includes a third set of permissions of access to resources, where said third set of permissions does not include said access to files on said system, and allows access to only specified internet sites,

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wherein said third communication part allowing access without  
needing any secret key~~wherein said first credential comprises a~~  
key.

11. (Currently amended) A system as in claim ~~10~~ 6,  
wherein said key comprises an ~~indication that a user has paid for~~  
~~a certain specified service~~ encryption key.

12. (Original) A system as in claim 10, wherein said  
key comprises an encryption key.

13. (Currently amended) A wireless network system,  
comprising:

a first portion which transmits a first wireless network  
that requires a specified key to get access, and provides access  
to specified network features; and

a second portion which transmits a second wireless network  
that does not require said specified key to get access, and  
provides access to only a subset of said specified network  
features, wherein said subset of specified network features  
includes a bandwidth limited Internet access.

14. (Currently Amended) A wireless network ~~system as~~  
in claim 1 ~~13~~, wherein said first secret key is an encryption

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~~keysubset of specified network features includes a bandwidth limited Internet access.~~

15. (Currently amended) A wireless network system as in claim 13, wherein said ~~first~~ subset of specified network features includes only a limited total amount of information which can be obtained.

16. (Currently amended) A wireless network system as in claim 13, wherein said ~~first~~ subset of specified network features includes only certain web pages that can be accessed via the Internet.

17. (Currently amended) A method, comprising:  
at a first location, first allowing a user to obtain access to wireless network resources which has a specified level of network features by ~~logging in using a first network credential~~  
using a first secret key to access a first wireless network that has said first specified level of network features; and

at said first location, second allowing a user to obtain access to only a first subset of said specified level of network features, less than said specified level of network features, and  
having a more limited download speed than said first wireless network, by accessing a second wireless network using a second secret key; and

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at said first location, third allowing a user to obtain access to only specified internet sites, comprising less access than said first subset of said specified level of network features, by accessing a third wireless network portion, said third wireless network portions defining a third class of service;

wherein said third communication part allows access without needing any secret key ~~without using said first network credential to log in~~ and wherein each of said first, second and third communication parts transmit a separate communication over substantially a same transmitting area as said first and second wireless network portions.

18. (Currently amended) A method as in claim 17, wherein said first and second secret keys are encryption keys~~second allowing comprises allowing access to either a lesser amount of network access or a lesser speed of network access than said first allowing.~~

19. (Currently amended) A method as in claim 17, wherein said first allowing allows access to files, and said second allowing does not allow access to any files, but does allow access to Internet.

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20. (Original) A method as in claim 17, further comprising detecting a user's network credential, and automatically granting one of said first allowing or said second allowing based on said credential.

21. (Currently amended) A method as in claim ~~20~~18, further comprising ~~wherein said credential comprises an specified key, and said automatically granting comprises automatically granting said first allowing if a first encryption an authorized key is detected, or automatically granting said second allowing if a second encryption key is detected, and automatically granting said third allowing if neither said first nor second encryption~~ said authorized key is not detected.

22. (Original) A method as in claim 21, wherein said key comprises an indication that a user has paid for a certain specified service.

23. (Original) A method as in claim 17, wherein said second allowing allows internet access but only to certain web pages.